

TOP SECRET

FROM: Mission Coordinator

15 OCT 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on 15 OCT 1967 atX 1230 L. The briefing concerns the following:

1. Mission Code and Number: BX 6729
2. Date/Time of Launch (H-Hour): 16 OCT / 0115Z / 1015 L.
3. Ground Sp. (H+1:00): 16 OCT / 0215Z / 1115 L.
4. Bases: Off
5. Equipment: Equi

6. Gr. Spare Requirements: SAME AS PRIMARY7. Instructions/Comments: A-50 ADDITIVE WILL
N BE USED.

FOR COMMANDER

Mission Coordinator

Off	ime(L)	Recipient	Office	Time(L)	Recipient
CMD.			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLT SURG			AFCS		(Notify Only)
DCOM			TTFC(SAC)		(Notify Only)

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16 Oct 67

Approved For Release 2002/06/13 : CIA-RDP69B00041R001000010001-6

	Pilot	A/C	HANGER	TMR
Prim	FM	129	3	1015
Sec.	KC	127	2	1115

Initial 1715
Final 0645

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DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COM AND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 1015-1045 *ok*
DESIGNATE LIFE SUPPORT TECHNICIANS: *H/C 132 RKM*
H/C 132 KC 25X1A

H-23:30: ATTEND COMMANDERS BRIEFING:
SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL 045 *ok*
SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL
H-22:00 TO H-17:00: PREFLIGHT: 1215-1515 *ok*

BOTH SUITS (EA PILOT)
PARACHUTE AND EMERGENCY O2 SYSTEMS
SEAT KIT COMPONENTS
SUIT ROOM VENT
LOX VENT UNIT
OXYGEN CYLINDERS
TEST EQUIPMENT
TRANSPORT VANS
24 hr check

H-21:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING: 0715-0835 *ok*
H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT: 0815 *ok*
H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
PRIMARY AND SPARE PILOTS AND AIRCRAFT: *ok*

P. *Fm*
S. *K.C.*

INSTALL SEAT KIT AND PARACHUTE:
H-2:00: RECEIVE PACKET FROM INTELLIGENCE: 0815
H-1:45 TO H-1:30: SECURITY INSPECTS SUITS: 0820-0845
H-1:20 TO H-1:10: FLIGHT SURGEONS MEDICAL IN DCOL: 0855-0905
H-1:10 TO H-1:00: DRESS PILOT, PRESSURE CHECK EQUIPMENT: 0905-1015
H-0:50 TO H-0:45: TRANSPORT TO AIRCRAFT: 1005-1015
*H-0:45 TO H-0:35: PILOT HOOKUP AND SUIT A/C CHECK: 1025-0930
H-0:35 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT: 0935-0940
LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:
DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:
POST-FLIGHT EQUIPMENT:
1/20

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MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

H-HOUR TIME PRIMARY	LOCAL TIME PRIMARY	H-HOUR TIME SPARE	LOCAL TIME SPARE	ITEM	LOCATION
H -22:30	<u>1145</u>			Pre-Mission Physical Exam	Flt Surg
H -21:30	<u>1245</u>			Eating	A/C Mess
H -20:30	<u>1345</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1615</u>			Intelligence Review	DCOMI
H -17:00	<u>1715</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2015</u>			Eating	A/C Mess
H -13:00	<u>2115</u>			Crew Rest	Asgd House
H -4:00	<u>0615</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>061</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>07</u>			Breakfast	A/C Mess
H -1:20	<u>08</u>	H 1:20	<u>0855</u>	Final Physical Evaluation	DCOL
H -1:10	<u>09</u>	H -1:10	<u>1005</u>	Suiting	DCOL
H -:50	<u>09</u>	H +:10	<u>1025</u>	Leave Ops	Transport Van
H -:45	<u>09</u>	H +:15	<u>1030</u>	Arrive Aircraft	Hangar
H -:30	<u>094</u>	H +:30	<u>1045</u>	Start Engine	Hangar
H -:20	<u>0955</u>	H +:40	<u>1055</u>	Taxi	Aircraft
H -:05	<u>1010</u>	H +:50	<u>1110</u>	Trim Engine	Aircraft
H -:00	<u>1015</u>	H +1:00	<u>1115</u>	Take Off	Aircraft
L +:25				Post Mission Physical	DCOL
L +:45				Ops Debrief	DCO Brief Rm
L +1:00				Mission Debrief	DCO Brief Rm
L +3:30				Released	

25X1A

Next 1 Page(s) In Document Exempt

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1055
 SUIT # - 2
 OUTER GARMENT W/FLOAT GEAR - 2
 HELMET # - 2
 GLOVES # - 1
 BOOTS - 2 QD

FLIGHT DATE 15 Oct 67 *24 Hr Delay*
 DON 0905 *6:00 - 10:00*
 DOFF 1520 *5:00*
 TIME IN SUIT 1 hr
 TECHNICIAN 25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1

Max Pressure

Differential

Leak Rate

SYSTEM #2

Max Pressure

Differential

Leak Rate

Unpress Leak Rate

Face Beat

Comms and Cord

Pencils

Knife

Controller Number

Packet

Grease Zippers

Check Location of CO₂

Pressure Tap Screws

105 105 104
1.3 1.2 1.1
500 1000 1200

120 120 113
1.3 1.3 1.1
500 800 1050
300 400 350

✓
✓
✓
✓
✓
✓
✓
✓
✓
✓

PRESSURE SUIT HOOK-UP CHECKLIST

- ☒ 1. Packet in pocket.
- ☒ 2. Stirrups secured.
- ☒ 3. Foot rest guards over seat foot rests.
- ☒ 4. Communications secured and functioning.
- ☒ 5. Face heat ON (LOW).
- ☒ 6. Oxygen hoses secured in QD.
- ☒ 7. Three harness snaps secured - harness adjusted and surplus stowed.
- ☒ 8. Kit adjusted and surplus stowed.
- ☒ 9. Two (2) bailout hoses secured.
- ☒ 10. Lap belt, shoulder harness, key, secured and adjusted.
- ☒ 11. Oxygen hoses under right leg strap, chest strap under helmet hold-down.
- ☒ 12. Emergency oxygen lanyard secured and pin removed.
- ☒ 13. Green apple secured.
- ☒ 14. Red knob secured.
- ☒ 15. Manual over-ride handle secured.
- ☒ 16. Two (2) Rocket-Jet releases secured.
- ☒ 17. Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 70/75 #2 Sys 60/75).
- ☒ 18. Check face heat.
- ☒ 19. Re-adjust lap belt.
- ☒ 20. Kit lanyard secured to D-ring.
- ☒ 21. Parachute beacon; AUTOMATIC(), UNSNAPPED(), SNAPPED(☒).
22. Departing LOX quantity, #1 System 9.25 #2 System 9.75 TIME 1055. 0938L
23. Returning LOX quantity, #1 System 6.5 #2 System 7.5 TIME 1540.

25X1A

SUBJECT 1055 AIRCRAFT NUMBER 129
 TECHNIC DATE OF FLIGHT 18 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

L.P. #3

S.H. #5

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied. 75/80
- ✓ 7. Oxygen system low pressure #1 85/90 #2 80/85 75/80.
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT

1055

AIRCRAFT NUMBER

129

25X1A
TECHNICIAN

[REDACTED]

DATE OF FLIGHT

(15.07.67)

16 Oct 67 / 17 Oct 67

SEAT KIT NUMBER

55

PARACHUTE NUMBER

102

TYPE CUSHION

S/B

VENT HOSE NUMBER

71

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1046
 SUIT # -3
 OUTER GARMENT W/FLOAT GEAR -3W
 HELMET # 1
 GLOVES # 4
 BOOTS -2

FLIGHT DATE 18 Oct 67DON 1015DOFF 1245

TIME IN SUIT

TECHNICIAN

25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1Max Pressure 110Differential 1.1Leak Rate 1200SYSTEM #2Max Pressure 110Differential 1.1Leak Rate 1200Unpress Leak Rate 500Face Heat 200mmCannon and Cord okPencils ✓Knife ✓Controller Number 33Packet ✓Grease Zippers ✓Check Location of CO₂ ✓Pressure Tap Screws ✓1101.53001181.5350200200mmok✓✓33✓✓✓✓1151.110001101.11100400200mmok✓✓33✓✓✓✓

PRESSURE SUIT HOOK-UP CHECKLIST

1. ~~Packet in pocket.~~
2. ~~Stirrups secured.~~
3. ~~Foot rest guards over seat foot rests.~~
4. ~~Communications secured and functioning.~~
5. ~~Face heat ON (LOW).~~
6. ~~Oxygen hoses secured in QD.~~
7. ~~Three harness snaps secured - harness adjusted and surplus stowed.~~
8. ~~Kit adjusted and surplus stowed.~~
9. ~~Two (2) bailout hoses secured.~~
10. ~~Lap belt, shoulder harness, key, secured and adjusted.~~
11. ~~Oxygen hoses under right leg strap, chest strap under helmet hold-down.~~
12. ~~Emergency oxygen lanyard secured and pin removed.~~
13. ~~Green apple secured.~~
14. ~~Red knob secured.~~
15. ~~Manual over-ride handle secured.~~
16. ~~Two (2) Rocket-Jet releases secured.~~
17. ~~Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 60/65 #2 Sys 60/70).~~
18. ~~Check face heat.~~
19. ~~Re-adjust lap belt.~~
20. ~~Kit lanyard secured to D-ring.~~
21. ~~Parachute beacon; AUTOMATIC(), UNSNAPPED(), SNAPPED(✓).~~
22. ~~Departing LOX quantity, #1 System 9.5 #2 System 9.25 TIME 1045.~~
23. ~~Returning LOX quantity, #1 System No Fuel #2 System Returned to Hc TIME to Hc~~

SUBJECT 1046 AIRCRAFT NUMBER 127
TECHNICIAN DATE OF FLIGHT 18 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

L.P. #4
S.H. #5

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied.
- ✓ 7. Oxygen system low pressure #1 55/60 #2 60/65.
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

25X1A SUBJECT 1046 AIRCRAFT NUMBER 127
TECHNICIA DATE OF FLIGHT ^{24 hr delay} 15 Oct 67 (17 Oct 67)
SEAT KIT NUMBER 46 PARACHUTE NUMBER 106
TYPE CUSHION S/B VENT HOSE NUMBER 60

PHYSIOLOGICAL SUPPORT DE BRIEFING

25X1A

DATE 18 Oct 67 ACFT 129 PILOT TIME IN FLIGHT 4+10 TIME IN SUIT 5+40 PREBREATHING TIME 1+00

SATISFACTORY

UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION #55 5/83. PARACHUTE 1024. HELMET - 2

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 2A. CABIN DECOMPRESSION: YES NO6. OUTER GARMENT - 27. BOOTS AND SPURS -2 Q.D. Type8. GLOVES - 1

9. OXYGEN SYSTEM

DEPART

RETURN

TIME

AMT

TIME

AMT

#1 1055 7.25 1540 6.5#2 1055 9.75 1540 9.5

25X1A

10. MISCELLANEOUS

11. EVALUATION ITEM

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

PHYSIOLOGICAL SUPPORT DE BRIEFING

25X1A

DATE 18 Oct 67 ACFT 129 PILOT
 TIME IN FLIGHT 4 + 10 TIME IN SUIT 5 + 40 PREBREATHING TIME 1 + 00

SATISFACTORY UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION #55 S/B3. PARACHUTE 1024. HELMET - 2

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 2A. CABIN DECOMPRESSION: YES NO6. OUTER GARMENT - 27. BOOTS AND SPURS Q.D. Type8. GLOVES - 1

9. OXYGEN SYSTEM

DEPART		RETURN	
TIME	AMT	TIME	AMT
#1	<u>1055 9.25</u>	<u>1540</u>	<u>6.5</u>
#2	<u>1055 9.75</u>	<u>1540</u>	<u>9.5</u>

10. MISCELLANEOUS

11. EVALUATION

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)